

1 / 9

1	Nor (1rom)	-----	-----	-----	masgap	sfpfsrasgp	( 16 )
2	Ery F (1oxa)	-----	-----	-----	atv	dle-sdsfhv	( 13 )
3	Terp (1cpt)	-----	-----	mda	ratipehiar	tvilpqgyad	( 23 )
4	Cam (3cpp)	-----	tteti	snanlaplp	hvpelvfdf	dmynpsnl	( 36 )
5	BM3 (2hpd)	-----	-----	t	ikempqpkf	gelknlpln	( 21 )
6	2C5 (1dt6)	-----	-----	makkt	sskgklp	tffgiigni	( 25 )
7	CPC5_RABIT	mdpv	vvlvlgcl	lllsiwwqns	grgkl-p	tffgiigni	( 43 )
8	cyp51 (1e9x)	-----	-----	ms	avalprvs	hdehghleef	( 22 )
9	CP31_RAT	dllsaltlet	wlllavslvl	lygfgtrthg	lfkkqgi	kellffgtvl	
10	CP33_HUMAN	alipdlamet	wlllavslvl	lylygthshg	lfkkklgi	tlflflgni	
11	CP34_HUMAN	alipdlamet	wlllavslvl	lylygthshg	lfkkklgi	tlflflgni	( 50 )
12	CP35_HUMAN	mdlipnlavet	wlllavslvl	lylygtrthg	lfkrlgi	tlflflgni	
13	C343_HUMAN	mdlipnfamet	wllvatsvl	lyiygthshk	lfkkklgi	tlflflgti	
14	CP36_RABIT	mdli--fslet	wlllaasvl	lylygtsthg	lfkkmg	tlflfigti	
15	CP37_HUMAN	mdlipnlavet	wlllavslvl	lylygtrthg	lfkkklgi	tlflflgni	( 51 )
16	CP3C_CANFA	mdlipsfstet	wlllaisvl	lylygtythg	ifrkklgi	tlflfvgta	
17	CP3T_FIG	mdlipgfstet	wlllavslvl	lylygtyshg	lfkkklgi	tlflfvgta	
18	CP3D_MOUSE	mdlipnfsmet	wlllavslvl	lylygthshg	lfkkklgi	tlflflgti	

1	e---ppAEFA KLRA	----n	PVSQVKLEdg	SLAWLVTKHK DVCFV	atse-	( 58 )
2	d---WYST YAEI	ret--a	EVTPVREL-g	QDAWLVTGYD-EAKAA	lsdl-	( 54 )
3	d-ev-LTPA FKWL	rde--q	PLAMAHTEgy	QPMWIAKHA-DVMQI	gkqpg	( 68 )
4	g---VQEA WAVL	qesnvp	DLVWTRCNg-	GHWIAKHA-DVQI	gkqpg	( 79 )
5	t-d-k-EVOA LMKI	adel-g	EIFKTEAB-g	RVTRYLSSOR-LIKEA	c-des	( 67 )
6	qidakdISKS LTKF	seg-g	PVFTVYLGmk	STVVLHGYE AVKEA	vdlg	( 73 )
7	qidakdISKS LTKF	seg-g	PVFTVYLGmk	STVVLHGYE AVKEA	vdlg	( 91 )
8	r-t-d-FIGL MORV	rdec-g	DVGTFOA-g	KOVVLLSGSH-ANEFF	-rag	( 66 )
9	nyy-mgLWKF DVECH	kkkg-	KIWGLFDGqm	ELFAITDTE MIKRV	lvkec	
10	syh-kgFCMF DMECH	kkkg-	KWGFYDGGq	VLAITDPD MIKRV	lvkec	
11	syh-kgFCMF DMECH	kkkg-	KWGFYDGGq	VLAITDPD MIKRV	lvkec	( 97 )
12	syr-qgLWKF DTECY	kkkg-	KWGFYDGGq	VLAITDPD MIKRV	lvkec	
13	fyl-rgLWNF DRECN	kkkg-	EMWGLYEGq	MLVIMDPD MIKRV	lvkec	
14	eyr-kgIWDF DIECR	kkkg-	KWGFYDGGq	MLVITDPD MIKRV	lvkec	
15	sfr-kgYWF DMECY	kkkg-	KWGFYDGGq	MLVITDPD MIKRV	lvkec	( 98 )
16	gyr-ngFYVF DMKCF	skkg-	KWGFYDGGq	VLAITDPD MIKRV	lvkec	
17	gyr-kgVDHF DKKC	fqqg-	KWGFYDGGq	VLAITDPD MIKRV	lvkec	
18	ayq-kgFWEC DIQCH	kkkg-	KWGFYDGGq	VLAITDPD MIKRV	lvkec	

CSB 1\*

CSB 1\*\*

CSB 1

1	klskvr---	trqgfpel	---	SASGKQa	a-----ka	-kpTFVDMDE	( 91 )
2	rlssdpkkky	pgvevefpay	lgfPEDVRN	-----y	fatNMCTSDP		( 94 )
3	lfsnae---	gse	ilyDONNEAF	mrsisggcph	vidSLTSMDE		( 107 )
4	hfsse---	cpfi-	PREAGE	-----a	ydfIPTSMDE		( 105 )
5	rfdknl---	---	SOALKEV	r-----df	agdGLFTSWT		( 91 )
6	eefagr---	---	gSVEILEk	vs-----	kglGIAFSNA		( 98 )
7	eefagt---	---	gSVEILEk	vs-----	kglGIAFSNA		( 117 )
8	ddlddq---	---	AKAYPFm	t-----pi	fgeGVVEDAS		( 92 )
9	fsvftn---	---	RRDFGPv	gi-----	mgkAVSVAKD		
10	ysvftn---	---	REPFGPv	gf-----	mksAISIAED		
11	ysvftn---	---	REPFGPv	gf-----	mksAISIAED		( 122 )
12	ysvftn---	---	RRSLGPv	gf-----	mksAISIAED		
13	ysvftn---	---	QMPLGPm	gf-----	lksALSFAED		
14	ysvftn---	---	RRSFGPv	gf-----	mkkAVSISED		
15	ysvftn---	---	RRPFGPv	gf-----	mknAISIAED		( 123 )
16	ysvftn---	---	RRTLGPv	gf-----	mksAISLSED		
17	ysvftn---	---	RRSFGPv	ga-----	mrnALSIAED		
18	ystftn---	---	RRRFGPv	gi-----	lkkAISISEN		

CSB 2A\*

CSB 2A\*\*

2 / 9

1	--PEHMHORS MVEPTftpea vk--nPOBYI ORTVDDLLEO MKOKgcangp	( 137 )
2	--PTHTRLRK LVSQEEtvrr -----VEAMRPRVEQITAEI LDEVgds-gv	( 136 )
3	--PTHAYRG LTLNWEqpas ir--kLEENTRRIAOASVOR LLDE-d--ge	( 150 )
4	--PEORQFRA LANOVVgmpv vd--kLENRI OELACSLIES LRPO----gq	( 147 )
5	hekNNKKAHN ILPSFsqqm m--gYHAMMEVDIAVOIVOK WERLn-adeh	( 138 )
6	--KTWKEMRR FSLMTLnfg mglrsIEDRI QEEARCEVEE LRKTN--asp	( 145 )
7	--KTWKEMRR FSLMTLnfg mglrsIEDRI QEEARCEVEE LRKTN--asp	( 163 )
8	--PERREMLHNAALRgeq -----MKCHAATTIEDOVRREIADWg-eage	( 133 )
9	--EEWRYFA LLSPTftsg-rl--eMFPII EQYGDIVKY LKQEAetgkp	
10	--EEWRLRS LLSPTftsg-kl--eMVPII AQYGDVVRN LRREretgkp	
11	--EEWRLRS LLSPTftsg-kl--eMVPII AQYGDVVRN LRREaetgkp	( 168 )
12	--EEWRLRS LLSPTftsg-kl--eMFPII AQYGDVVRN LRREaekgkp	
13	--EEWRLRT LLSPAftsv-kl--eMVPII SQCGDMVRS LRQEAensks	
14	--EDTFRVET LLSPTftsg-kl--eMLPII AQYGDVVRN LRQEAekgkp	
15	--EEWRLRS LLSPTftsg-kl--eMVPII AQYGDVVRN LRREaetgkp	( 169 )
16	--EEWRLMT LLSPTfttg-kl--eMFPII GQYGDVVRN LRKEaekgka	
17	--EEWRLRT LLSPTftsg-kl--eMFPII SHYGDLVSN LRKEaekgkp	
18	--EEWRLFA LLSPTftsg-rl--eMFPII NQFTDVVRN MRQGLgegkp	

CSB 2A

CSB 2B

1	VDLVKEFALP VPSYTYTEL GVP-----	FNDELYL TOONAIRIng	( 177 )
2	VDIVDRFAHP LPIKVCELL GVD-----	EAARGAY GRWSSEILvm	( 176 )
3	CDPMTOCALY YPLHVMTAL GVP-----	EDDEPLM LKLTODEfgv	( 190 )
4	CNFTDYAEP FPIRMMLLA GLP-----	EEDIPHL KYLTDOMtrp	( 187 )
5	IEVPEDMTRL TLDTEGLCGE NYRfnsfyrd	qphFFTSMV RALDEAMNkl	( 188 )
6	CDPTFILGCA PCNVICSVIE HNRfdyk--d	EEFLKLM ESLHENVell	( 190 )
7	CDPTFILGCA PCNVICSVIE HNRfdyk--d	EEFLKLM ESLNENVRil	( 208 )
8	IDLLDFFAEL TIYTSSACLI GKRF-----rd	qldGRFAKLY HELERGTDpl	( 179 )
9	VTMKKVFAY SMDVITSTS GVNvds1--n	NPKDPFV ETKKLLRfd	
10	VTLKDVFGAY SMDVITSSS GVNvds1--n	NPQDPLV ENTKKLLRfd	
11	VTLKDVFGAY SMDVITSTS GVNids1--n	NPQDPFV ENTKKLLRfd	( 213 )
12	VTLKDIFGAY SMDVITGTS GVNids1--n	NPQDPFV ESTKKFLKfg	
13	INLKDFGAY TMDVITGTL GVNids1--n	NPQDPFL KNMKLLKld	
14	VDLKEIFGAY SMDVITGTS GVNids1--r	NPQDPFV KNVRLLLKfs	
15	VTLKHVFAY SMDVITSTS GVSids1--n	NPQDPFV ENTKKLLRfn	( 214 )
16	INLKDVFGAY SMDVITSTS GVNids1--n	HPQDPFV ENTKKLLKfd	
17	VTMKDIFGAY SMDVITSTA GVNids1--n	NPQDPFV ENSKKLLKfs	
18	TSMKDIFGAY SMDVITATS GVNids1--n	NPQDPFV EKIKKLLKfd	

CSB 3

CSB 4

1	-----s stareASAAN OELDYLAII VEORLV----	( 204 )
2	d-----p eraeqRQAA REVVNEILDL VERRRT----	( 204 )
3	-----eaarrFHETI ATEFDYENG TVDRRS----	( 216 )
4	d-----g sm--tFAEAK EALYDYLIPI IEORRQ----	( 213 )
5	qra---npdd -pa---y-d enkrqFOEDI KVMNDLVDKI IADRKAs---	( 226 )
6	gtpwlqvynn fpalldyfp- gihktLLKNA DYIKNFIMEK VKEHOKI-ld	( 238 )
7	sspwlvqynn fpalldyfp- gihktLLKNA DYIKNFIMEK VKEHEKI-ld	( 256 )
8	ayv---dpvl -pi-----esfrrRDEAR NGLVALVADI MNGRTAnp--	( 216 )
9	ffd--plfls vvlfpfltpi yemlnICMFP KDSIEFFKKF VYRMKEtrld	
10	fld--pffls itvfpflipi levlnICVFP REVTFNLRKA VKRMKESrle	
11	fld--pffls itvfpflipi levlnICVFP REVTFNLRKS VKRMKESrle	( 261 )
12	fld--plfls iilfpfltpv fealnVSLFP KDTINFLSKS VNRMKKsrln	
13	fld--pflll islfpfltpv fealnIGLFP KDVTFLKNS IERMKEsrk	
14	ffd--pllls itlfpfltpv fealhISMFP KDVMDFLKTS VEKIKDdrk	
15	pld--pfvls ikvfpfltpi lealnITVFP RKVISFLTKS VKQIKEgrlk	( 262 )
16	fld--pfffs iilfpfltpv feilnIWLFP KKVTDFFRKS VERMKEsrk	
17	ffd--pfls liifpfltpi fevlnITLFP KSSVNFFTKS VKRMKESrle	
18	ifd--plfls vtlfpfltpv fdalnVSLFP RDVISFFTS VERMKENzmK	

CSB 5

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1	---	epkd	BII	SKLCTeqv	kp	--g-----	ni	DKSDAVOI	AFLLLVAGNA	( 242 )	
2	---	epgd	OLL	SALISvqddd		-dg-----	rL	SADELTSI	ALVLLLAGFE	( 243 )	
3	---	cpkd	VM	SLANSkld-		--gn-----	y	DDRYINAY	YVAIATAGHD	( 254 )	
4	---	kpgt	BAI	SIVANGqvn-		--gr-----	p	ITSDEAKRM	CGLLLVGGED	( 251 )	
5	---	geqs	OLL	THMLNGkdpe	t-ge-----		p	LDENIRYQ	IITFLIAGHE	( 267 )	
6	---	v-nnp	r	DEI	DCFLIkmeqe	n---n---l	e	TTLESIVIA	VSDLFGAGTE	( 279 )	
7	---	v-nnp	r	DEI	DCFLIkmeqe	n---n---l	e	TTLESIVIA	VSDLFGAGTE	( 297 )	
8	---	ptdksdr	ML	DVLI	-vkae	t-gt-----	p	r	SADEITGM	FISMMFAGHH	( 259 )
9	---	svqkhrv	DFL	QLMMNahnds	kdkesh	---	a	SDMEITAQ	SIIFIFAGYE		
10	---	dtqkhrv	DFL	QLMIDshkns	keteshk	---	a	SDLELVAQ	SIIFIFAGYE		
11	---	dtqkhrv	DFL	QLMIDsq-ns	keteshk	---	a	SDLELVAQ	SIIFIFAGYE	( 307 )	
12	---	dkqkhrv	DFL	QLMIDsq-ns	keteshk	---	a	SDLELVAQ	SIIFIFAGYE		
13	---	dkqkhrv	DFL	QOMIDsq-ns	ketkshk	---	a	SDLELVAQ	SIIFIFAGYE		
14	---	dkqkrrv	DFL	QLMINSq-ns	keidshk	---	a	DDIEVVAQ	SIIFIFAGYE		
15	---	etqkhrv	DFL	QLMIDsq-ns	kdsethk	---	a	SDLELVAQ	SIIFIFAGYE	( 308 )	
16	---	dkqkhrv	DFL	QLMINSq-ns	kemdthk	---	a	SDLELVAQ	SIIFIFAGYE		
17	---	dqqkrrv	DFL	QLMINSq-ns	kemdphk	---	s	SNEELVAQ	GIIFIFAGYE		
18	---	nkekgrv	DFL	QLMINSq-ny	ktkeshk	---	a	SDVEIVAQ	SVIFIFAGYE		

CSB 6

CSB 7A

1	TMVNMI	ALGV	ATIAQ	HEDQ	LAOLKA	---	---	---	np	SIA	( 272 )
2	ASVSL	IGIGT	YIAIT	HEDQ	LALVRA	---	---	---	dp	SAL	( 273 )
3	TSSSS	CGCAT	IGISR	NEEO	LALAKS	---	---	---	dp	ALI	( 284 )
4	TVNPF	ESFSM	EFIAK	SEEH	ROELIE	---	---	---	rp	ERI	( 281 )
5	TSGLS	SFAL	YEVK	NEHV	LOKAAE	-aa	r	vlvdp-vps	ykqvkqlkv		( 314 )
6	TSTTR	YRSL	LLILK	HEEV	AARVOE	er	v	grhrs-pc	mqdrsrmpyt		( 327 )
7	TSTTR	YRSL	LLILK	HEEV	AARVOE	er	v	grhrs-pc	mqdrsrmpyt		( 345 )
8	TSSGT	ASWTL	IEEMR	HRDA	YAAVIDE	-ld	e	lygdgrsvs	fhairqi	POL	( 307 )
9	PSTST	SFVL	HSEAT	HEDT	QOKLOE	dr	a	lpnka-ppt	ydtvmem	EVL	
10	TSSVLS	SFIM	YEBAT	HEDV	QOKLOE	da	v	lpnka-ppt	ydtvlqm	EVL	
11	TSSVLS	SFIM	YEBAT	HEDV	QOKLOE	da	v	lpnka-ppt	ydtvlqm	EVL	( 355 )
12	TSSVLS	SFTL	YEBAT	HEDV	QOKLOE	da	v	lpnka-ppt	ydavvqm	EVL	
13	TSTTTP	PFIM	YEBAT	HEDV	QOKLOE	da	v	lpnka-pvt	ydavvqm	EVL	
14	TSTST	SFIM	HLBAT	HEDV	QOKLOE	dt	l	lpnke-lat	ydtlvkm	EVL	
15	TSSVLS	SFII	YEBAT	HEDV	QOKVOK	dt	v	lpnka-ppt	ydtvlql	EVL	( 356 )
16	TSTST	SFLM	YEBAT	HEDV	QOKLOE	da	t	fpnka-lpt	ydavvqm	EVL	
17	TSSA	SLLA	YEBAT	HEDV	QOKLOE	da	t	fpnka-ppt	ydavvqm	EVL	
18	TSSA	SFAL	YIBAT	HEDV	QOKLOE	da	a	lpnka-pat	ydtvlqm	EVL	

CSB 7A

CSB 7B

CSB 8

1	POFVE	ELCRY	HTAS	alai	KR	TAKEDVMIGD	-KLVR	ANEGI	IASNQSANRD	( 321 )		
2	PNAVE	ELRY	IAPP	et	tTR	FAAEVEIGG	-VAI	POYSTV	LVANGAANRD	( 321 )		
3	PRVDE	AVRW	TAPV	ks	fMR	TALADTEVRG	-ONIK	RGDRI	MLSYPSANRD	( 332 )		
4	PAACE	ELLRR	FSLV	a--	dGR	ILTSDIYFHG	-VOL	KGDQI	LLPOMLSGLD	( 328 )		
5	GMVNE	ALRL	WPTAP	afSL	YAKEDTVLGG		e	YPLEK	GDDEL	MVLI	PQLHRD	( 363 )
6	DAVIH	EIQRF	IDLL	ptnl	PH	AVTRDVRFRN	-YFI	EKGTDI	ITSLSV	LHD	( 376 )	
7	DAVIH	EIQRF	IDLL	ptnl	PH	AVTRDVRFRN	-YFI	EKGTDI	ITSLSV	LHD	( 394 )	
8	ENVL	KETLRL	HPPL	i-	ILMR	VARGEFEVOG	-HRI	HEGOLV	AASPAISNRI	( 355 )		
9	DMVNE	TLRL	YPIG	nr	-LER	VCKKDVEING	-VF	MPKGSV	V	MIPSYALHRD		
10	DMVNE	TLRL	FPIA	mr	-LER	VCKKDVEING	-MF	IPKGVV	V	MIPSYALHRD		
11	DMVNE	TLRL	FPIA	mr	-LER	VCKKDVEING	-MF	IPKGVV	V	MIPSYALHRD	( 403 )	
12	DMVNE	TLRL	FFVA	ir	-LER	TCKKDVEING	-VF	IPKGSV	MV	PIYALHRD		
13	DMVNE	TLRL	FFV	sr	-VTR	VCKKDVEING	-VF	IPKGLAV	MV	PIYALHRD		
14	DMVNE	TLRL	YPIA	gr	-LER	VCKKDVEING	-TF	IPKGTIV	MM	PTYALHRD		
15	DMVNE	TLRL	FFVA	mr	-LER	VCKKDVEING	-MF	IPKGVV	V	MIPSYALHRD	( 404 )	
16	DMVNE	TLRL	YPIA	gr	-LER	VCKKDVEING	-VF	IPKGTIV	MV	PTFTLHRD		
17	DMVNE	TLRL	YPIA	ar	-LER	ACKKDVEING	-VF	VPKGTIV	V	VPFVFLHRD		
18	DMVNE	TLRL	YPIA	gr	-LER	VCKTDVEING	-LF	IPKGTIV	M	PTFALHRD		

CSB 8

CSB 9

CSB 10

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1	EEVE-ENEDE	ENMrk----	---wppq-dp	LGEGFGDHR	LAEHLAKAEL	( 362 )
2	PSQF-PDEHR	EDVtrd----	---tr--gh	LSFGGIFHC	MGRPLAKLEG	( 360 )
3	EEVE-SNEDE	EDitr-----	---p-n-rh	LGEGGGAHMC	LGQHLAKLEM	( 371 )
4	EREN-ACPMH	VDEsrq----	---k-v-sh	TPEGHSHLC	LGQHLARREI	( 367 )
5	KTIWgDDVEE	ERerfenps	a--ipqh-ab	KPEGNGORAC	IGQOPALHEA	( 410 )
6	EKAL-PNEKV	EDghfldes	-gnfkksdyF	MPEGAGKMC	VGEGLARMEL	( 424 )
7	EKAF-PNEKV	EDghfldes	-gnfkksdyF	MPEGAGKMC	VGEGLARMEL	( 442 )
8	PEDE-PDEHD	EVaryeqpr	qedllnrwtW	TPEGGRHRC	VGAALFIMOJ	( 404 )
9	PQHW-PEEEE	ERerfsken	kgsidpy-vY	LPEGNGPENC	IGMRFLMNM	
10	PKYW-TEEEK	ELerfskkn	kdnippy-iY	TPEGSGPENC	IGMRFLMNM	
11	PKYW-TEEEK	ELerfskkn	kdnidpy-iY	TPEGSGPENC	IGMRFLMNM	( 451 )
12	PKYW-TEEEE	ERerfskk-	kdsidpy-iY	TPEGTPENC	IGMRFLMNM	
13	PKYW-TEEEK	ELerfskkn	kdsidly-rY	IPEGAGPENC	IGMRFLTNI	
14	PQHW-TEEDE	ERerfskkn	kdninpy-iY	HPEGAGPENC	IGMRFLMNI	
15	PKYW-TEEEK	ELerfskkn	kdnidpy-iY	TPEGSGPENC	IGMRFLMNM	( 452 )
16	QSLW-PEEEE	ERerfsrkn	kdsinpy-tY	LPEGTPENC	IGMRFLMNM	
17	PDLW-PEEEE	ERerfskkn	kdtinpy-tY	LPEGTPENC	IGMRFLMNM	
18	PKYW-PEEEE	ERerfskkn	qdsinpy-mY	LPEGSGPENC	IGMRFLMNM	

CSB 10 CSB 11

CSB 12A

CSB 12B

1	TTVFSTLYOK	E--PDLKVav	plgKINTPL	NRdVGIVDLP	Vif	( 403 )
2	EVAIRALFGR	Ep-ALSLGid	ad-DVVWRS	LLLRGIDHLP	Vrldg	( 403 )
3	KIFFEELLPK	L-kSVELsg	---PRLVAT	NEVGGPKNVE	Irfтка	( 412 )
4	IVTEKEWLTR	IpDFSIAE	g--AOIQKS	GIVSGVOALP	Lvwdpattka v	( 414 )
5	TLVCGMLKH	E--DFEDHT	-n-YELDIKE	TLTLKPEGFV	Vkakskkipl ggip	( 459 )
6	FLFITSILON	E--KLQSLve	pkdLDITAVV	NGfVSVPFSY	Qlcf---ipi hhhh	( 473 )
7	FLFITSILON	E--KLQSLve	pkdLDITAVV	NGfVSVPFSY	Qlcf---ipi	( 487 )
8	KAIFSIVLRE	Y--EFEMAqp	p-eSYRNDHS	KMvVOLAQPA	Cvryrrrtgv	( 450 )
9	KLAKTKVLON	E--SFQPCke	tq-IPLKLSR	QGILQPTKPI	Ilkvvpr---	
10	KLAKIRVLON	E--SFKPCke	tq-IPLKLSL	GGILQPEKPV	Vlkvesr---	
11	KLAKIRVLON	E--SFKPCke	tq-IPLKLSL	GGILQPEKPV	Vlkvesrdgt vsga	( 502 )
12	KLALIRVLON	E--SFKPCke	tq-IPLKLDT	QGILQPEKPI	Vlkvsrdgt lsge	
13	KLAVIRALON	E--SFKPCke	tq-IPLKLDN	LPILQPEKPI	Vlkvhldgi tsqp	
14	KLALVRIMON	E--SFKLCke	tq-VPLKLKG	QGILQPEKPI	Vlkvvsrdgi irga	
15	KLALVRVLON	E--SFKPCke	tq-IPLKLRE	GGILLTEKPI	Vlkaesrdet vsga	( 503 )
16	KLALVRVLON	E--SFKPCke	tq-IPLKLNA	QGILQPEKPI	Vlkveprdgs vnga	
17	KLALVRVLON	E--SFKPCke	tq-IPLKLTT	QGILQPEKPI	Vlkilprdgt vsga	
18	KVALVRVLON	E--TVQPCke	te-IPLKLSK	QGILQPENPL	Ilkvvsrdet vsde	

CSB 12B

CSB 13\*

CSB 13\*\*

CSB 13

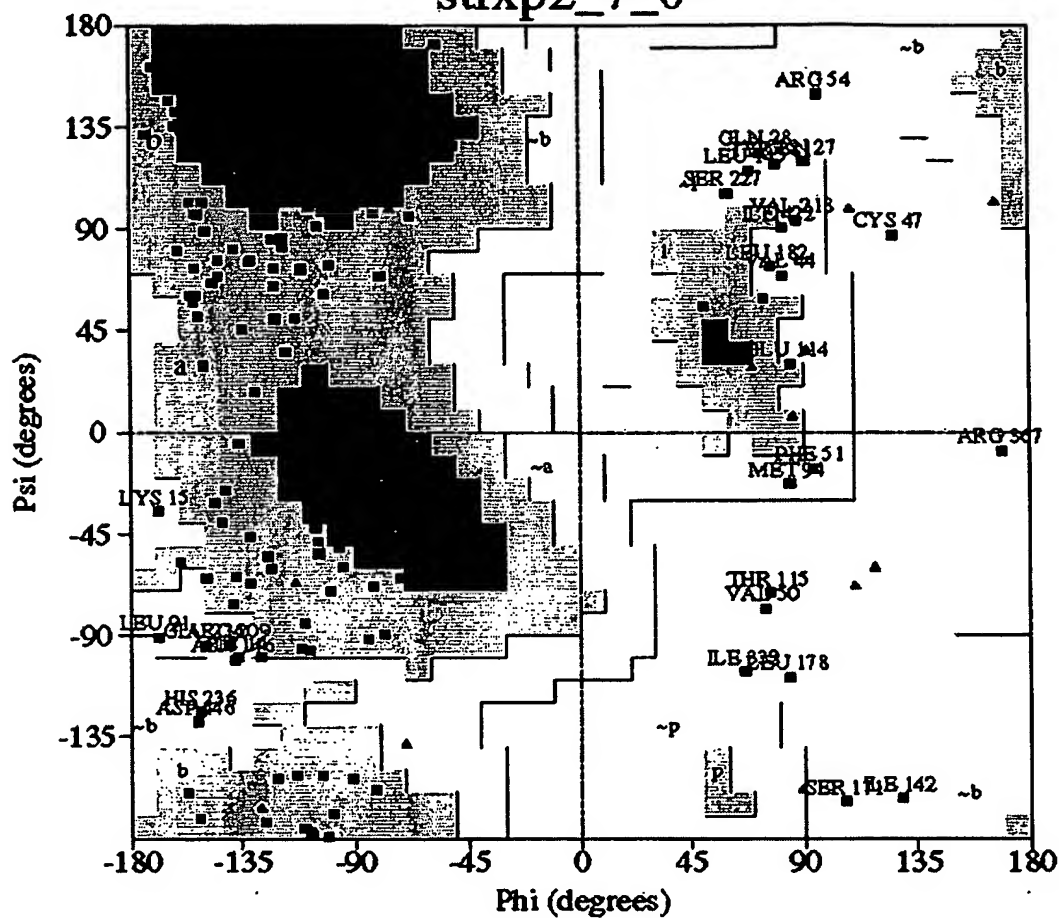
FIGURE 1

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PROCHECK

# Ramachandran Plot

## strxp2\_7\_0

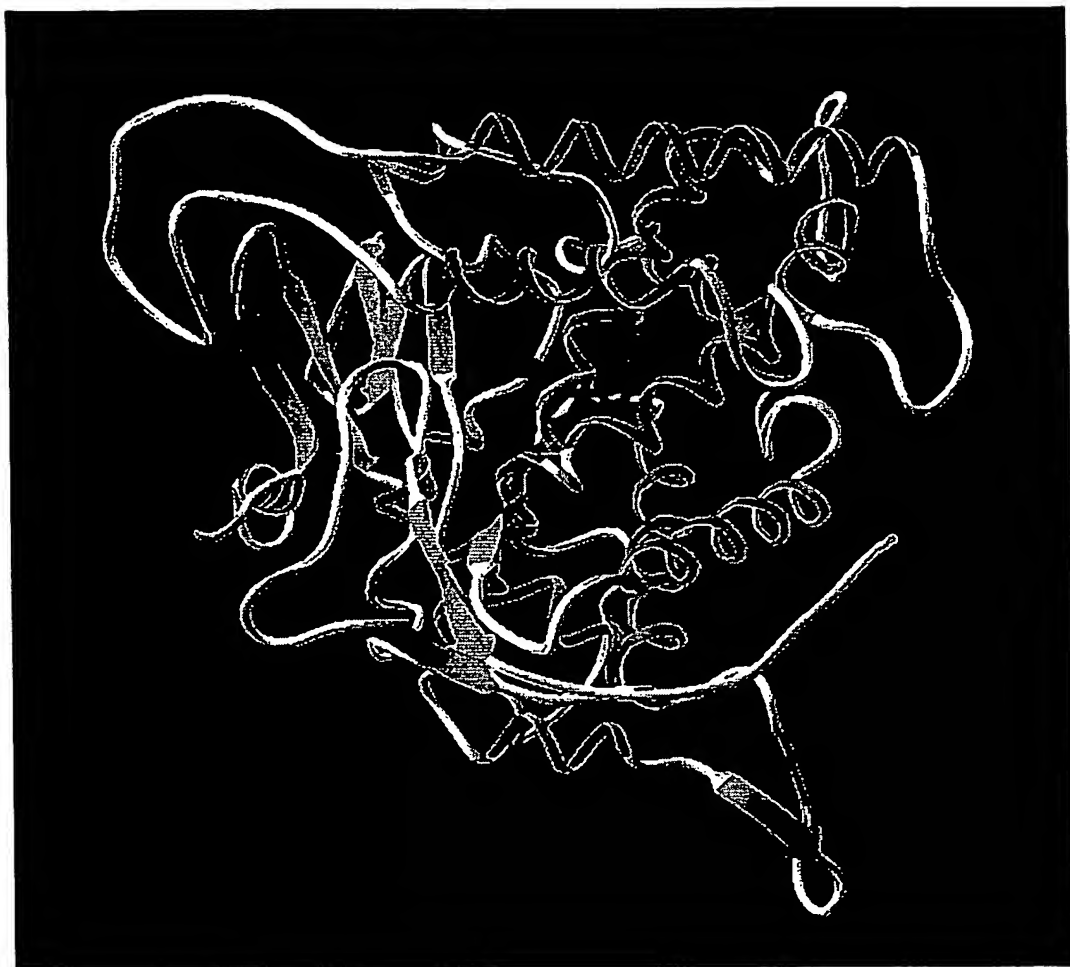


### Plot statistics

Residues in most favoured regions [A,B,L]	291	72.9%
Residues in additional allowed regions [a,b,l,p]	79	19.8%
Residues in generously allowed regions [-a,-b,-l,-p]	20	5.0%
Residues in disallowed regions	9	2.3%
Number of non-glycine and non-proline residues	399	100.0%
Number of end-residues (excl. Gly and Pro)	2	
Number of glycine residues (shown as triangles)	21	
Number of proline residues	30	
Total number of residues	452	

FIGURE 2

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**FIGURE 3**

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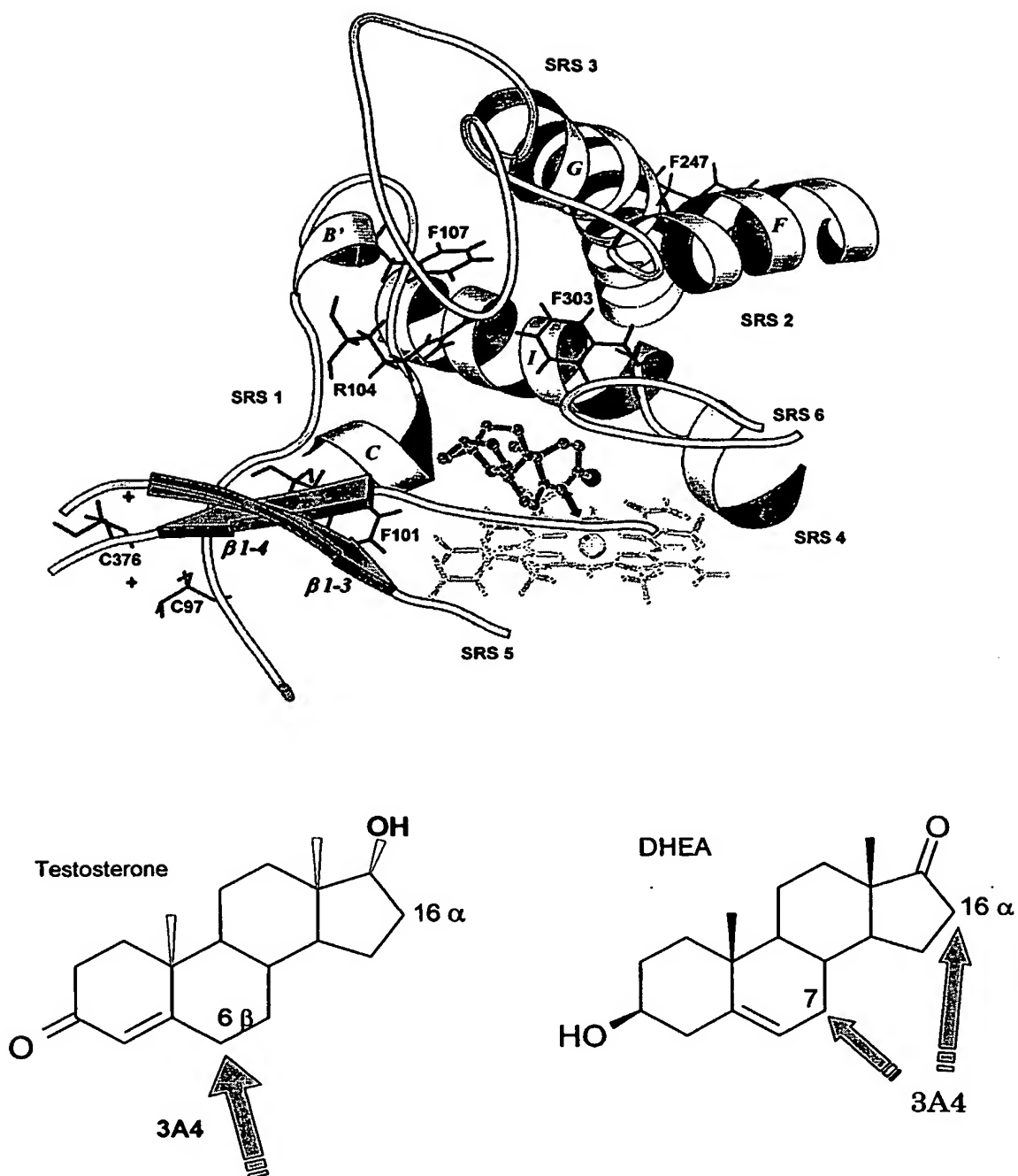


FIGURE 4A

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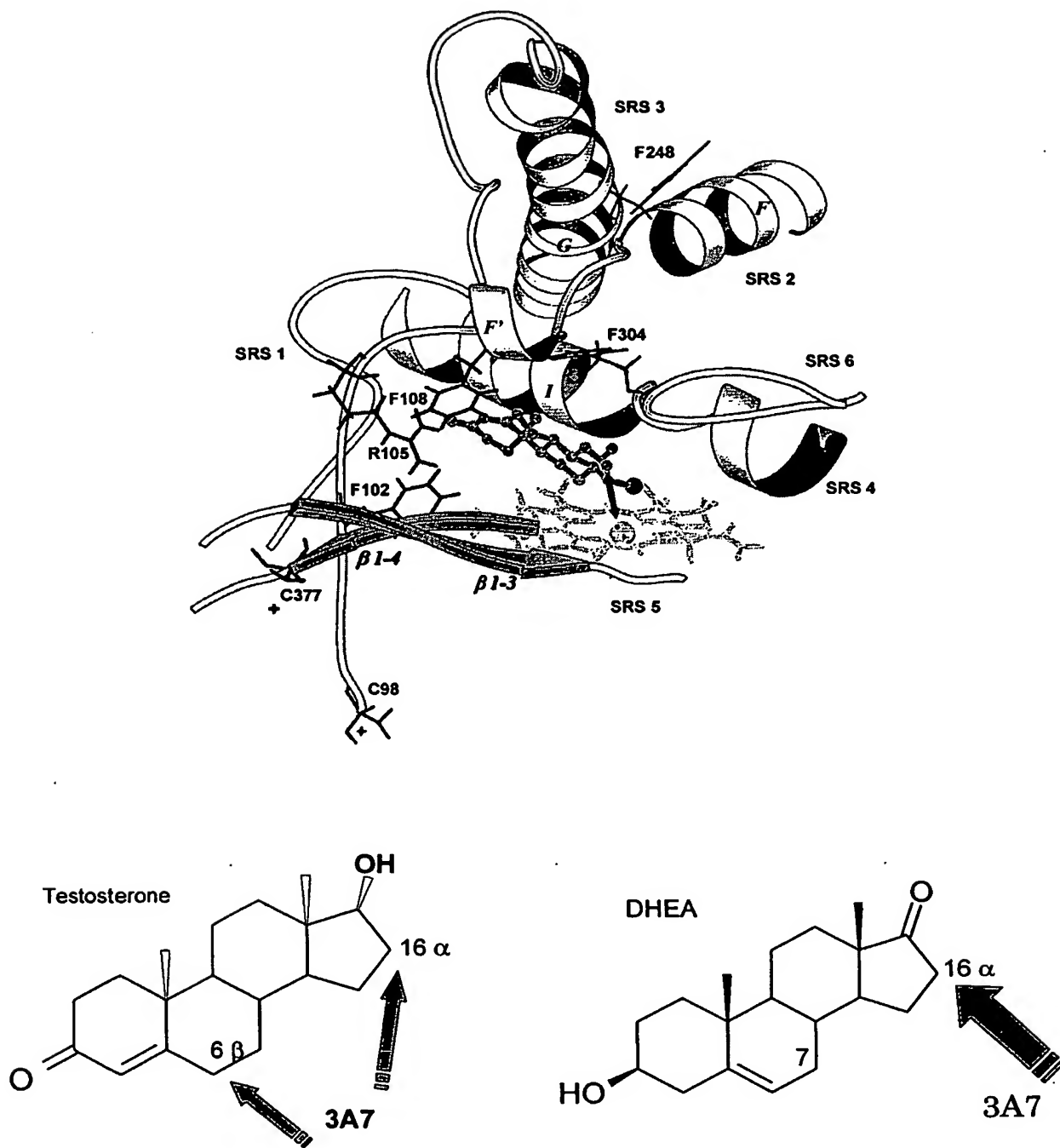


FIGURE 4B



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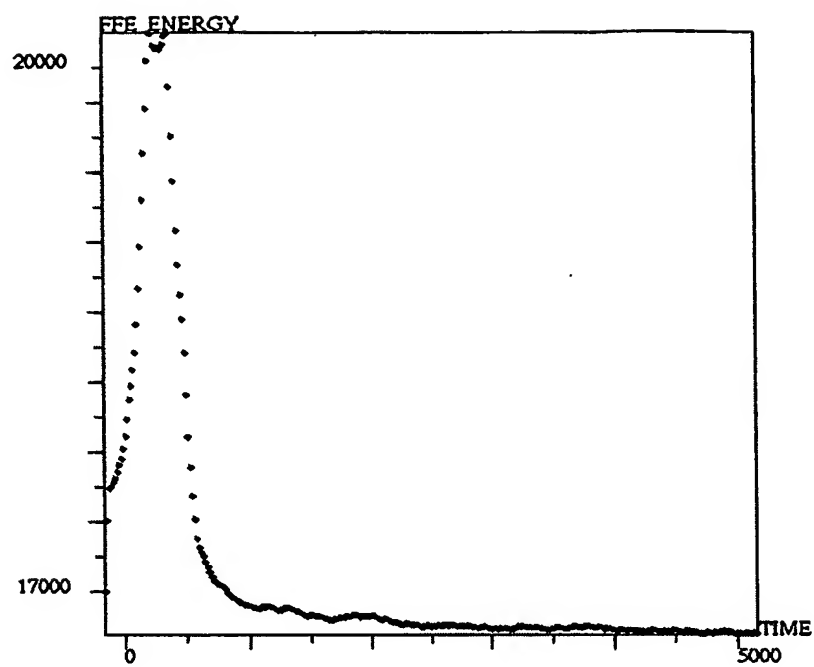


FIGURE 5